FORM PTO-1449 (MODIFIED)		U.S. DEPARTMEN PATENT AND TRA	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			SERIAL NO.		
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*EXAMINE INITIAL	R	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILIN	G DATE
68	AA	2,690,415	09/1954	Shuler	604	359	IF APPE	ROPRIATE
68	AB	2,799,241	07/1957	Wurster	118	24	 	
ET	AC	3,089,824	05/1963		424	489	-	
ET	AD	3,117,024	01/1964	Ross	1/2	7/2		
-8T	AE	3,196,827	07/1965	Wurster et al.	118	24	=	
E1_	AF	3,207,824	09/1965	Wurster et al.	264	117		
81	AG	3,241,520	03/1966	Wurster et al.	118	62		
61	AH	3,253,944	05/1966	Wurster	427	2/3		
ET	Al	3,676,242	07/1972	Prentice	156	62.4		
67	AJ	3,692,618	09/1972	Dorschner et al.	442	401		······································
EX	AK	3,855,046	12/1974	Hansen et al.	428	198		
	 	FOREI	GN PATENT	DOCUMENTS				
0-1		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	T
61	AL	0 353 010 B1	07/1994	EPO	-		YES	NO
61	AM	0 392 528 A2	10/1990	EPO				
ET_	AN	0 459 003 A1	12/1991	EPO	~			
61	. AO _	0 557 116 B1	12/1996	EPO				
61	AP	0 661 094 B1	12/1997	EPO				
	· ·	OTHER PRIOR ART (Inc	cluding Author,	Title, Date, Pertinent Pa	ages. Etc.)			
67	AR -	Derwent World Patent Databas Dedorising Means."	e abstract of	JP 02-104, 355 A: De	escription of	S. Arakawa, "I	Nappy Wif	th
ET	AS	Derwent World Patent Database Powder-Containing Laminated S	e abstract of Sheets."	JP 54-141, 857 A: De	escription of	Uni Charm, "N	lanufactur	ring
Et	AT	American Society for Testing Ma Property-Durometer Hardness,"	aterials (AST pp. 400-403,	M) Designation: D 22 March 1997.	40-97, "Star	ndard Test Met	hod for R	ubber
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81	- AA	3,940,426	02/1976	Itatani et al.	549	241	TIP APP	ROPRIAT
	AB	4,069,297	01/1978	Saito et al.	423	447.6	+	
61	AC	4,153,745	05/1979	Hart	427	 		
-67	AD	4,268,417	05/1981	Messer	502	430	+	
10/	AE	4,285,831	08/1981	Yoshida et al.	502		-	
61	AF	4,289,513	09/1981	Brownhill et al.	96			
<u> 61</u>	AĢ	4,406,813	09/1983		 	13.5	+	
<u> E</u> 1	АН	4,504,549	03/1985	Fujishima et al.	252	188.28		
65	AI	4,525,410		Pines et al.	428	447		
EF	AJ	4,536,553	06/1985	Hagiwara et al.	428	198		
81	AK	4,547,317	08/1985	Rufer et al.	525	106		<u></u> :_
			10/1985	Kamhi	252	700		
		FORE	IGN PATENT	DOCUMENTS	,			
27		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSI	ATION
CA CAT	AL	0 725 036 B1	08/1999	EPO			YES	NO
(6)	ΑM	0 729 914 A2		EPO				
61	AN	0 782 400 B1		EPO				ļ
El	AO	0 810-278-A2		EPO	· x			
	AP	0 811 388 A1		EPO				
2		OTHER PRIOR ART (In	. D	_				
61	AR _	Bartzoka, Vasiliki et al., "Silicor Interaction," Langmuir, March 1	1998, Vol. 14,	Mo. 7 pp. 1892-1898.	Strength of	the Protein-S	licone	
ET	AS _	Bartzoka, Vasiliki et al., "Proteir 16, No. 10, pp. 4589-4593.	n - Silicone Sy	nergism at Liquid/Liq	uid Interfac	es," <u>Langmuir</u>	, May 2000	O, Vol.
ET	AT	Derbyshire, Frank et al., "The P Society, Fuel Division, Vol. 39, I San Diego, CA, March 1994, pp	roduction of N No. 1, Preprint . 113-120.	laterials and Chemica is of Papers Presente	als from Coad at the 20	al," <u>American (</u> 7th ACS Natio	Chemical nal Meetin	g,
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88	AA	4,608,056	20//201			 	IF APPI	G DATE ROPRIAT			
ET	AB		08/1986	Wilson	8	506	-				
ET	AC		11/1986	Nuwayser et al.	428						
ET	AD		06/1987	Sparks et al.	264	4.3					
61	AE	4,677,019	06/1987	von Blucher	442	227					
87	AF	4,701,178	10/1987	Glaug et al.	604	387		-			
67	AG	4,748,065	05/1988	Tanikella	428	152					
61	AH	4,762,825	08/1988	Takeo et al.	514	54					
-81	Al	4,764,507	08/1988	Takeo et al.	514	54					
68	AJ	4,795,482	01/1989	Gioffre et al.	95	141	-				
81	AK	4,801,445	01/1989	Fukui et al.	424	69		 -			
	AN	4,818,614	04/1989	Fukui et al.	428	403	-				
		FC	REIGN PATENT	DOCUMENTS							
C 10	-	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	T			
8	AL	0 920 817 A2	06/1999	EPO			YES	NO			
61	АМ	0 930 310 A1	07/1999	EPO	·			<u> </u>			
87	AN	91/02711 A2		РСТ							
67	AO	91/12030-A1		РСТ							
81	AP	96/05744 A1		PCT							
	,	OTHER PRIOR AR		Title, Date, Pertinent Pa							
ET.	AR .	Horiuchi, Shin et al., "Prepa Blending Method," Journal	annella a company			stic Colorants	by Dry-Im	pact			
87	\s -	Huggins, George R. and Ge Vol. 24, No. 2, June 1981, p									
ET A	т_	Sombatsompop, N. and P. I Expanded Elastomers," Jou	ertkamolsin, "Effe mal of Elastomers	cts of Chemical Blow and Plastics, Vol. 32	ing Agents , No. 4, Oc	on Swelling P tober 2000, pp	roperties (of .			
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67	- AA	4,880,858	11/1989	Farrar et al.	524	60	IF APP	ROPRIAT
ET	AB	4,939,195	07/1990		524	185		
61	AC	4,940,462	07/1990	Salerno	604	387		
8T	AD	4,992,326	02/1991	Dabi	428	402		 -
EI	AE	5,019,062	05/1991	Ryan et al.	604	359		
61	AF	5,030,671	07/1991	Wehner et al.	524	101		
6	AG	5,122,407	06/1992	Yeo et al.	428			
8/	АН	5,165,976	11/1992	Newing et al.	428	138		
ET	AI	5,187,287	02/1993	Shih	549	542		
ET	AJ	5,254,168	10/1993	Littman et al.	118	666		
61	AK	5,267,992	12/1993	Van Tilburg	604	387		
		FORE		DOCUMENTS	601	-01		
		DOCUMENT NUMBER			TT			
00		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	
01	AL	96/25225 A1	08/1996	PCT	·		YES	NO
27	AM	97/03109 A1	01/1997	РСТ				
	AN	98/15556 A1	04/1998	PCT				
er	AO .	98/32915 A1	07/1998	PCT				-
61	AP	99/58483 A1	11/1999	PCT				
		OTHER PRIOR ART (Inc	cluding Author,	Title, Date, Pertinent F	Pages, Etc.)			
7	AR	Van der Vaart, Rick, "Coated A the OSPT-1995-Enschede at w	doorbook. C.			scription of a Ph	n.D. proje	ct of
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5/	AS _	Young, B.R. et al., "Protein Ads Colloid and Interface Science, V	orption on Po Vol. 124, No.	lymeric Biomaterials 1, July 1988, pp. 28-	: I. Adsorptio 43.	n Isotherms," <u>J</u>	ournal of	
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\vdash	25	-	4.4	5,330,944	07/1994	Sherif et al.	502	604	IF APPI	ROPRIATE
-	81	_//	AΒ	5,346,486	09/1994		604	385.04		
-	<u>E1</u>	1	\c	5,352,807	10/1994	- salvin in or di.	549			
<u> </u>	87	A	(D)	5,364,380	11/1994		604	7.7		
_	<u>E8</u>	A	E	5,376,198	12/1994	Fahrenkrug et al.	156	359 164		
-	81	A	F	5,407,442	04/1995		604	359		
-	-61	A	G	5,482,906	01/1996	Sakai et al.	502	402		
-	61	A	H 	5,521,008	05/1996	Lieberman et al.	428	367		
<u> </u>	61	AI		5,536,384	07/1996	Thompson et al.	204	522		
_	81	A	,	5,538,641	07/1996		2/0	652		
<u> </u>	61	AH		5,543,096	08/1996	Getty et al.				
<u> </u>				FORE		DOCUMENTS	264	29.4		
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	61	AL	+	99/62997 A1	12/1999	PCT .			YES	NO
-	0	AM	4	58109135	06/1983	Japan (Abstract)				
1-2	61	AN	+-	2 137 608 A	10/1984	Great Britain				
1 2	2	AO	-	60204610-	10/1985	Japan (Abstract)			ý =	
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Et	A	5,561,167	10/1996		 		FILING IF APPRO	
E1	AE		11/1996	The state of the s	521	31		-
_ET	AC		04/1997	Sprang et al. Brinen	428	212		
<u> </u>	AD		05/1997	Chen	526	160		
ET	AE		09/1997		<i>524 523</i>	474		
81	AF	5,674,212	10/1997	Jones et al.	 	105		
65	AG		11/1997	Osborn, III et al.		385.16		
61	АН	5,691,035	11/1997	Buell et al.	428	396		
-61	AI	5,709,791	01/1998	Chappell et al.	205	152		
81	AJ	5,712,054	01/1998			464		
E \$	AK	5,713,884	02/1998	Kejha	429	21		
				Osborn, III et al. DOCUMENTS	604	385.24		
				DOCOMEN 12			<u> </u>	
ET	 	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS -	TRANSLA	TION
CV LOT	AL	04256436	09/1992	Japan (Abstract)			YES	NO
2T	AM	1158877	09/1997	China (Abstract)				
- 5	AN	2000256999	1	Japan (Abstract)				
01	_AO_	1 103 522 A1		EPO				
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61	AA	5,728,799	03/1998	Oh	528	310	I IF APP	ROPRIAT
81	AB	5,732,718	03/1998	Douglas et al.	131	310	 	
ET	AC	5,817,229	10/1998	Sudhakar et al.	208	342	-	
-6T	AD	5,834,114	11/1998			299	<u> </u>	
-68	AE	5,942,084	08/1999	Economy et al.	428	368	-	
61	AF	5,965,479	10/1999	Thompson et al.	162	30.11		
61	AG	5,981,138	11/1999	Suzuki et al.	502	182		
61	АН	6,017,831	01/2000	Suzuki et al.	430	264		
81	Al	6,020,363		Beardsley et al.	442	68		
61	AJ	6,037,407	02/2000	Hirano et al.	574	456	·	
81	AK	6,114,081	03/2000	Derian et al.	524	837		
	L		09/2000	Oikawa	430	264		
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- ET	AA	5,703,152	12/1997	Ohama	524	1105	IF APP	ROPRIA	
ET	AB	5,480,636	01/1996	Mauro et al.	424	735			
- ET	AC	3,731,678	05/1973	Pyzel	128	76.21			
68	AD	4,931,360	06/1991	Hoshino et al.					
EX	AE	3,919,369	11/1975	Holden	428	32 8 45.1			
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